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DR-105 SERIES

Digital calendar clock.
 Thermometer and hygrometre option.
 Automatic time-setting option.
 RS-485 serial line connection option.
 IP65 Optional



Features

The DR-105 display series comprises 8 models offering different options. The basic display is a calendar clock controlled by an internal clock with a battery in case of power cuts.

Applications

Displaying date, time, temperature and humidity in indoor swimming pools, gyms, food industry, data processing centres, offices, etc.

The DR-105 series can be programmed to display only the date / time or temperature / humidity, as well as up to 18 possible combinations of them, including temperature display in degrees Centigrade or Fahrenheit.

Fitting

The display is held by a metal plate secured to the wall with four screws and wall plugs supplied with it, and with Velcro strips enabling the display to be secured without having to open it.

Very good visibility

The DR-105 is a large LED-type display, 50mm high. This enables it to be read in practically any indoor surroundings from up to 25 meters.

Thermometer and hygrometre option.

DR-105/ATH, DR-105/ATHX, DR-105/TH and DR-105/THX displays are take a probe to measure the temperature and environmental humidity.

Automatic time setting option.

DR-105/A, DR-105/ATH and DR-105/ATHX models have an FM radio receiver with an RDS signal decoder enabling a highly accurate display of date and time. (Less than 1 second error). This system has coverage, with no need for an external antenna, in practically the entire Iberian West Europe.

RS-485 Serial line connection option.

DR-105/X, DR-105/THX and DR-105/ATHX models are supplied with and RS-485 serial connection enabling several displays to be connected together enabling one with the FM-RDS receiver and/or the temperature and humidity probe to send the data to the rest, so they all display the same information. Another possibility is to send the exact time, temperature and humidity to a computer.

Specifications

Model	DR-105	DR-105/A	DR-105/ATH	DR-105/ATHX	DR-105/TH	DR-105/THX	DR-105/X
Receiver FM-RDS option	NO	YES	YES	YES	NO	NO	NO
Temperature and humidity probe option	NO	NO	YES	YES	YES	YES	NO
RS-485 serial line option	NO	NO	NO	YES	NO	YES	YES
Display	Dot matrix 7x5. 50mm high						
Reading distance	25 meters						
Power supply	85-264V AC 50/60 Hz 10VA						
Protection degree	IP54 front, IP41 Box (IP65 option) . IP67 temperature and humidity probe						
Box	polycarbonate front and ABS						
Sizes	240 x 120 x 60mm						
Clock accuracy	±2 s day						
Temperature probe. Resolution	0,1°C						
Temperature probe. Accuracy	±0,5°C to 25°C						
Temperature probe. Response time	20s						
Temperature probe. Working temp.range	-20°C to 80°C						
Humidity probe. Resolution	1%						
Humidity probe. Accuracy	±3,5% between 30% and 70%						
Humidity probe. Response time	4s						
Cable probe length	5 meters						
Working temperature range	0°C to 50°C						
Storage temperature range	-10°C to 80°C						
Humidity	5% a 95% without condensation						
Maximum environmental illumination	1000 lux (Inside)						
Weight	1 kg						